Software Engineering 2

CT5106

Assignment #5 – JPA – Named Query

- In this assignment you are asked to:
  - Create a Named Query in your Entity class which performs a search using one of the entity fields, like Description
  - The query should perform a search with wildcards, so that any entity that has all or part of that string in the specified field will be returned
  - Add a function to your Entity Façade class which takes a string as input and executes the Named Query and returns the List of entities the query returns
  - Add a web page to your user interface which contains a web form where the user can enter the search string
  - The web form calls a servlet when submitted. The servlet will use the Entity Façade to call the method which executes the Named Query
  - The servlet adds the list of returned entities to the session as an attribute and forwards to a JSP page
  - The JSP page displays the list of entities as a table